VLBI and the faint radio AGN population

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The VLBI technique is a powerful tool to separate AGN from star-forming galaxies. For this reason, we have carried out wide-field VLBI observations of the COSMOS field, characterised by an extensive amount of ancillary data, to study the faint radio AGN population. We have observed around 3000 radio sources with the VLBA and around 200 of them with the VLBA together with the GBT, additionally. We have detected 468 radio sources with the VLBA and 35 with the VLBA+GBT. All the observations were carried out at 1.4 GHz. In this overview I would like to present the observations, the calibration and the main results of the project as well as few individual interesting sources.